

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A display device ~~(1)~~ comprising:
a number of picture elements; and
a display driver device comprising driving transistors ~~(21)~~ to be connected in series with the picture elements; ~~the display driver device comprising~~
means ~~(8)~~ for monitoring output voltages at output nodes of the display driver device, the display driver device comprising device;
a feedback mechanism configured to control a reference voltage of the display driver device and to maintain substantially constant a voltage value between a supply node and the output nodes; and
means for detecting an open output of the display driver device to the picture elements and for interrupting the feedback

mechanism upon detection of the open output.

2. (Currently Amended) A The display device as claimed in claim 1, further comprising means (24) ~~for signaling the value of~~ when an output voltage ~~to reach~~ reaches a threshold voltage.

3. (Currently Amended) A The display device as claimed in claim 2, further comprising ~~having-fusing~~ means (40) ~~between the~~ driving transistors and the picture elements.

Claim 4 (Canceled)

5. (Currently Amended) A The display device as claimed in ~~claim 2~~ claim 1, wherein the feedback mechanism further comprising comprises a control circuit for ~~signaling the~~ a difference between an output voltage of the display driver device for a picture element and the reference voltage being below a threshold voltage.

6. (Currently Amended) A The display device as claimed in claim 5, wherein the means for detecting ~~an~~ the open output ~~of the~~

~~display driver device to the picture elements performing are~~
~~configured to perform the detecting after the signaling.~~

7. (Currently Amended) A-The display device as claimed in claim 5, wherein the display driver device comprising means for detecting includes a differential amplifier (30, 31, 32).

8. (Currently Amended) A-The display device as claimed in ~~claim 4~~ claim 1, wherein the picture elements being are configured to be driven by current sources and the feedback mechanism is configured for keeping the-substantially constant a difference between an output voltage of the display driver device for a picture element and the reference voltage-substantially constant.

9. (Currently Amended) A-The display device as claimed in claim 1, wherein the picture element-being-elements includes a luminescent element (4) and the having a luminescence determined by a first current-determining the luminescence of the luminescent element.

10. (Currently Amended) A display driver device comprising:
driving transistors ~~(21)~~ to be connected in series with
picture elements; ~~the display driver device comprising~~
means ~~(8)~~ for monitoring output voltages at output nodes of
the display driver device, ~~the display driver device comprising~~
device;

a feedback mechanism configured to control a reference voltage
of the display driver device and to maintain substantially constant
a voltage value between a supply node and the output nodes; and

a detector including a differential amplifier (30, 31, 32) for
detecting ~~after the signaling~~ an open output of the display driver
device for a picture element and interrupting the feedback
mechanism upon detection of the open output.

11. (Currently Amended) A The display driver device as claimed
in claim 10, further comprising means for signaling ~~the value of~~
when an output voltage to reach reaches a threshold voltage.

12. (Currently Amended) A The display driver device as claimed
in claim 11, further comprising ~~having fusing~~ means ~~(40)~~ between

the driving transistors ~~(21)~~ and an output connection ~~(28)~~ of the display driver device.

Claim 13 (Canceled)

14. (Currently Amended) ~~A-The~~ display driver as claimed in ~~claim 13, claim 10, wherein~~ the feedback mechanism further ~~comprising comprises~~ a control circuit for signaling the a difference between an output voltage of the display driver device for a picture element and the reference voltage being below a threshold voltage.

15. (Currently Amended) ~~A-The~~ display driver as claimed in claim 14, wherein the detecting ~~an-the~~ open output ~~of-the~~ display driver device ~~for a picture element occurring occurs~~ after the signaling.

16. (Currently Amended) ~~A-The~~ display driver as claimed in claim 15, further comprising a switch in the current path between the reference voltage and ~~the-an~~ output of the display driver

device.

17.(New) A display device comprising:

a display driver having driving transistors for connection with picture elements;

a detector configured to monitor output voltages at output nodes of the display driver;

wherein the detector includes a feedback to maintain substantially constant a voltage value between a supply node and the output nodes; and

wherein the detector is configured to detect an open output of the display driver and to interrupt the feedback upon detection of the open output.

18.(New) The display device of claim 17, further comprising a switch connected between the supply node and an output node, wherein the detector is further configured to open the switch upon detection of the open output.